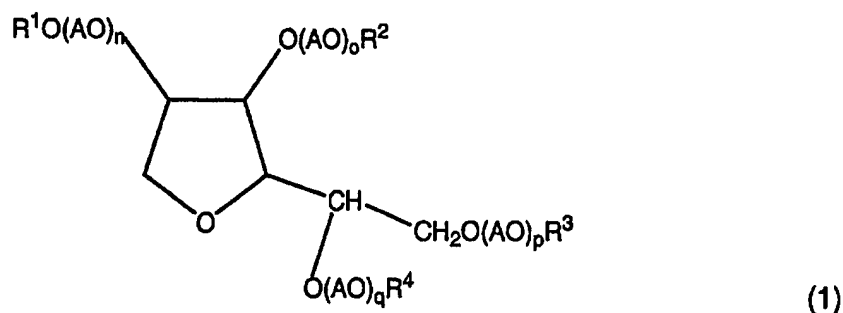


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) Process for the production of a biological substance by perfusion culturing of suspended animal cells in a serum free cell culture medium, wherein the biological substance is separated from the cells by filtration, characterized in that at least 0.001 w/w% of polyoxyalkylene sorbitan fatty acid ester represented by formula 1,



wherein R¹, R², R³ and R⁴ each independently represent H or a fatty acid restgroup, i. e. the remains of a condensation of a fatty acid and an alcohol, provided that at least one of R¹ through R⁴ is a fatty acid restgroup, wherein A represents an ethylene or propylene group and n, o, p and q each independently represent values from 0 to 100, is present in the cell culture medium.

2. (original) Process according to claim 1, characterized in that in formula 1, the sum of n, o, p, and q is from 50 to 300.

3. (currently amended) Process according to claim 1 ~~or claim 2~~, characterized in that at least 0.01 w/w% of the compound of formula 1 is present in the cell culture medium.

4. (currently amended) Process according to ~~any of claims 1-3~~ claim 1, characterized in that the animal cells are mammalian cells.

5. (currently amended) Process according to ~~any of claims 1-4~~ claim 1, characterized in that the compound of formula 1 is a Tween compound.

6. (currently amended) Process according to ~~any of claims 1-5~~ claim 1, characterized in that the filtration is performed with an internal filter.

7. (original) Process according to claim 6, characterized in that the internal filter is a spinfilter.

8. (currently amended) Process according to ~~any of claims 1-7~~ claim 1, characterized in that the biological substance is a biopharmaceutical product.

9. (original) Process according to claim 8, characterized in that the serum free cell culture medium is also a mammalian source free medium.

10. (currently amended) Process according to ~~any of claims 1-9~~ claim 1, characterized in that the biological substance is further purified by downstream processing.